lected last fall by Mr. George T. Hastings, a prominent "bud" had developed just at the apex of the pileus, looking as though the stipe had been prolonged and developed into a small, inverted, sessile pileus with lamellae similar to those of the normal

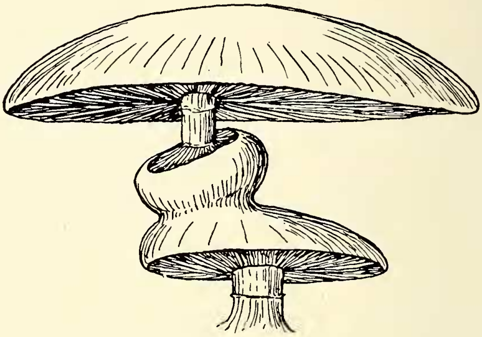


FIG. 3. Triple mushroom

pileus. The "buds," however, usually develop nearer the margin, those at the apex being very rare.

W. A. MURRILL

THE GENUS TINCTOPORIA

This genus was described in *North American Flora,* with *T. aurantiotingens* as its type. Two other interesting species belong here, one staining the substratum and the other not.

Hymenophore staining the substratum red.
  Hymenium black. 1. *T. albocincta.*
  Hymenium rosy-isabelline. 2. *T. graphica.*
Hymenophore not staining the substratum; hymenium black. 3. *T. Fuligo.*

1. **Tinctoporia albocincta** (Cooke & Massee) comb. nov.

Poria albocincta Cooke & Massee; Cooke, Grevillea **20**: 106. 1892.

Poria Fuligo aurantiotingens Ellis & Macbr. Bull. Lab. Nat. Hist. Univ. Iowa **3**[2]: 191. 1896.

Tinctoporia aurantiotingens (Ellis & Macbr.) Murrill, N. Am. Fl. **9**: 14. 1907.

This species was studied by me in 1907, but several collections

have come in since that time, and I have discovered at Kew that another specific name has priority over the one I then used. This is *Poria albocincta,* described as follows from specimens collected on bark on the Island of St. Vincent:

"Tota resupinata, atro-cinerea, demum fissurato fatiscens; margine lato, niveo, pulverulento, tenui; tubulis circa 1 mm. longis, poris minutissimis, inconspicuis. Sporis ellipticis, 4 x 2 μ."

The only host mentioned in the new collections is *Ilex lucida.* Additional collections are:

Mexico, *Murrill 224*; Porto Rico, *Earle 116, Stevenson & Johnston 1482*; Guadeloupe, *Duss 574, 906.*

2. **Tinctoporia graphica** (Bres.) comb. nov.

Poria graphica Bres. Hedwigia **35**: 282. 1896.

Collected on dead sticks in Brazil by Möller and described as below. A portion of the type is in the Garden herbarium.

"Late effusa tenuissima, lilacino-carnea, margine rubello, subiculo nullo; tubulis vix ¼ mm. longis; poris elongatis, sinuosis, variis, dissepimentibus tenuissimus praeditis; sporae non visae. Hyphae subhymeniales 3 μ latae."

3. **Tinctoporia Fuligo** (Berk. & Br.) comb. nov.

Polyporus Fuligo Berk. & Br. Jour. Linn. Soc. **14**: 53. 1875.
Polyporus Ravenalae Berk. & Br. Jour. Linn. Soc. **14**: 53. 1875.
Polyporus Büttneri P. Henn. Verh. Bot. Ver. Proc. Brand. **30**: 129. 1888.
Poria glauca Pat. Jour. de Bot. **5**: 312. 1891.

Originally described from Peradenya, Ceylon, and several times collected in the Orient. *P. glauca* was described from Tonkin and *P. Büttneri* from Cameroon, Africa. This species is thin, annual, black, with a glaucous bloom in young stages, and does not stain the substratum red.

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NOTES ON A FEW PAPERS READ AT CHICAGO

Among the many interesting papers presented at the twelfth annual meeting of the American Phytopathological Society held